

KINEMATIC VISCOMETER BATHS

84200-0 SETA KV-6 VISCOMETER BATH

ASTM D445; D446; D2170; D2270; IP 71; IP 226; IP 319; BS 188; BS 2000 Parts 71 & 319; EN 3104; EN 12595; ISO 3105; DIN 51 366; DIN 51 562; FTM 791 305; NF T60-100; NF T60-136; JIS K2283

- Up to 6 viscometer tubes
- 50 litre oil/water bath
- Temperature range ambient to 150°C
- Digital display with 0.01°C resolution
- Toughened glass front panel
- Integral back lighting

The Seta KV-6 has a 50 litre temperature controlled bath that can accommodate up to six standard viscometer tubes. Digital temperature control and an inbuilt cold water cooling coil provide accurate and stable test temperatures from ambient to 150°C (±0.02°C up to 100°C and ±0.05°C between 100 and 150°C). The bath is protected by low liquid level and overtemperature cut-outs.

Equipped with a toughened glass front window, easily accessible drain valve, integral back lighting, top plate, provision for reference thermometer and attachments.

SUPPLIED WITH: mains lead and instruction manual.



84200-0

- BIO-FUEL TESTING
- CALIBRATION & VERIFICATION MATERIALS
- SETAPLUS EXTENDED WARRANTY AVAILABLE
- TECHNICAL DATASHEETS AVAILABLE

SPECIFICATIONS

Temperature Range:	Ambient to 150°C
Temperature Stability:	±0.02° up to 100°C ±0.05° between 100 and 150°C
Temperature Uniformity:	±0.02° at 40 and 100°C
Tube Capacity:	up to 6
Bath Fluid:	Oil or Water
Bath Capacity:	50 Litres
Voltage:	220/240V, 50/60Hz
Power:	2.2kW
Size (HxWxD):	56 x 35 x 44cm
Weight:	33kg

ACCESSORIES - KV 6 Bath

REQUIRED

KINEMATIC VISCOMETER TUBES:

Select from the tables on pages 40 to 42

SETA KINEMATIC VISCOSITY BATH THERMOMETERS.

With ice point scale and 0.02°C subdivisions to allow easy reading to within 0.01°C.

- CALIBRATION CERTIFICATE (WORKS)
- CALIBRATION CERTIFICATE (UKAS) - OPTIONAL

Seta Part No. Works Cert.	Seta Part No. UKAS Cert.	Temperature Set Point (°C)	Temperature Range (°C)
83640-0	83640-0Z	40	38.6 to 41.4
83641-0	83641-0Z	100	48.6 to 51.4

- 23150-2 UNIVERSAL VISCOMETER HOLDER, for all regular viscometer tubes, 6 required.
- 84006-0 UNIVERSAL THERMOMETER HOLDER, 2 required.
- 94633-0 BATH OIL, 20 litres, for filling viscometer baths in the temperature range of ambient to 80°C, 3 required.
OR
- 94635-0 BATH OIL, 20 litres, for filling viscometer baths in the temperature range of 80 to 120°C, 3 required.
OR
- 94632-0 SILICONE BATH OIL, 20 litres, for filling viscometer baths in the temperature range of 100 to 150°C, 3 required.

CONSUMABLES - KV 6 Bath

2 Years/2000 Tests	Qty
84004-0 SEALING CAPS	6

ACCESSORIES - Continued

OPTIONAL

- 23152-0 VISCOMETER HOLDER, 11mm tube size, for Ubbelohde & suspended level viscometers.
- 23154-0 VISCOMETER HOLDER, 13mm tube size, for Cannon Fenske viscometers.
- 23156-0 VISCOMETER HOLDER, 15mm tube size, for U-tube reverse flow viscometers.
- 83750-3 SETATIME SIX CHANNEL QUARTZ TIMER, for time measurement to 999.99 seconds, accuracy 99.999% ±1 digit at 20°C, (for details see page 141).
- 84003-0 COVERS, for unused holders in lid to minimise heat loss, pack of 2.
- 84004-0 CAPS, for sealing space around viscometer limbs. Can be modified to suit all viscometer tubes, 6 required.
- 84005-0 SPIRIT LEVEL
- 84008-0 BENCH VISCOMETER STAND, framework holds viscometer tubes near vertical while being prepared or while draining after use, complete with drainage tray.
- 84102-0 DENSITY MEASURING KIT, adapter to allow use of glass hydrometers. For tests at 15°C the 99300-2 bath is required (for details see below).
- 99300-2 MINI LOW TEMPERATURE BATH/CIRCULATOR, to provide chilled water if local supply exceeds 18°C, (for details see page 139).
- 97100-0 VISCOMETER TUBE CLEANER, (for details see page 39).
- 45001-0 SETAPLUS EXTENDED 12 MONTH WARRANTY

CALIBRATION, VERIFICATION & TRAINING

VISCOSITY STANDARDS, (for details see page 48).

- 99928-0 SETATHERM, precision logging digital thermometer optimised for verification of viscosity baths, (for details see page 129).

Note: Other items which may be required include: Solvents for tube cleaning.